

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/762,139	HO, JEN-TONG	
	<b>Examiner</b>	<b>Art Unit</b>	
	David C. Reese	3677	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 21 September 2005.
2. ☒ The allowed claim(s) is/are 18 and 19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **DETAILED ACTION**

This office action is in response to Applicant's amendment filed 9/21/2005.

#### ***Status of Claims***

[1] Claims 18-19 are pending.

#### ***Drawings***

[2] All drawings objections outlined in the office action dated 6/30/2005 have been addressed by Applicant, and withdrawn by the examiner. Replacement sheets submitted on 9/21/2005 have been accepted.

#### ***Specification***

[3] Applicant has addressed all objections to the specification, including the abstract, in the amendment filed 9/21/2005. Accordingly, all objections to the disclosure have been withdrawn by the Examiner. However, in view of further minor grammatical and formatting issues, please note the examiner's amendment below, which resolves the rest of said grammatical issues.

#### ***Claim Rejections - 35 USC § 112***

[4] Applicant has addressed all rejections under 35 USC § 112 to the Claims in the amendment filed 9/21/2005. Accordingly, the Examiner has withdrawn the 35 USC § 112 rejections.

#### ***Response to Arguments***

[5] Applicant amendment filed 9/21/2005 regarding rejections under 35 U.S.C. 102 have been fully considered. Due to the amendment to the claims, the prior art fails to further anticipate. Accordingly, the Examiner has withdrawn all previous rejections over Gotoh, US-5,015,134.

*Allowable Subject Matter*

[6] Claims 18-19 are allowed.

*Examiner's Amendment*

[7] An examiner's amendment to the record appears below. Authorization for this examiner's amendment (page 6, third paragraph of applicant's amendment) was given in the amendment filed by applicant on 9/21/2005.

The examiner has amended the application as follows:

In the Specification submitted on 9/21/2005:

Page 16, change line 5 to read as follows: "in conjunction with the submitted drawings."

Page 17, change line 7 to read as follows: "invention, a description is provided in the following detail.

Page 17, line 8, delete, "the appended"

Page 18, change line 3 to read as follows: "In a further embodiment, the thread pitch of the third thread 13 is 30 to 50% of the first thread"

*Reasons for Allowance*

[8] The following is an examiner's statement of reasons for allowance: the prior art, either alone or in combination with corresponding limitations as stated above, fails to teach or disclose of a screw having a single continuous thread with five sections, each section having a helix angle; a helix angle of which varies in relationship with regard to other said helix angles as claimed.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee, and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Conclusion*

[9] Any inquiry concerning this communication or earlier communications from the examiner should be directed to David C. Reese whose telephone number is 571-272-7082. The examiner can normally be reached on 7:30 am - 6:00 pm M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, J.J. Swann can be reached at (571) 272-7075. **Please also note the change in the fax phone number to (571) 273-8300 for the organization where this application or proceeding is assigned.**

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sincerely,  
David Reese  
Assistant Examiner  
Art Unit 3677

DCR

  
ROBERT J. SANDY  
PRIMARY EXAMINER